



STATE OF MARYLAND

DMMH

Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202, Baltimore, Maryland
21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

Office of Preparedness & Response

Sherry Adams, R.N., C.P.M., Director

Isaac P. Ajit, M.D., M.P.H., Deputy Director

Weekly Heat-related Illness Surveillance Report

August 9, 2011

Reporting for 08/02/11 through 08/08/11

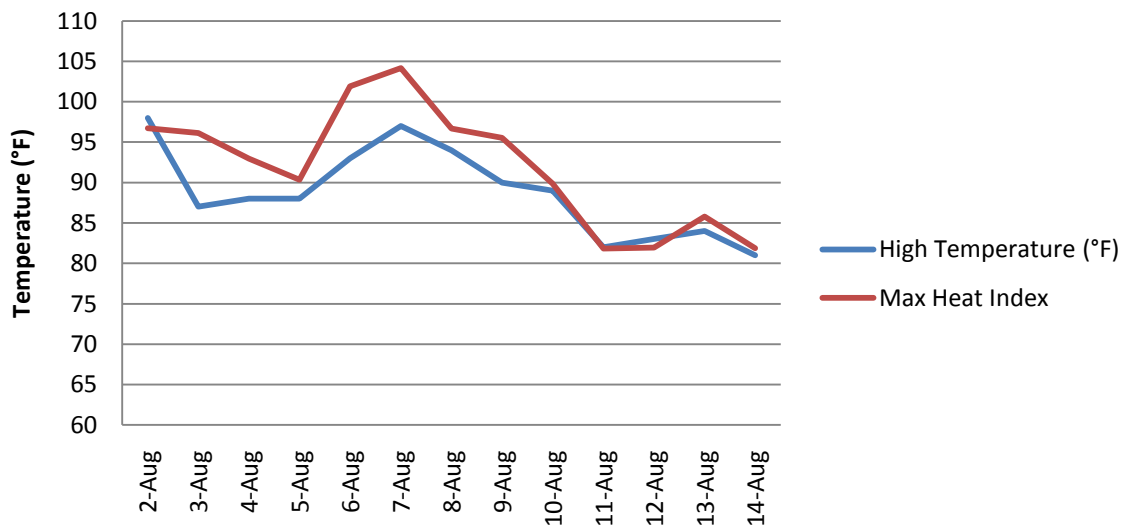
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

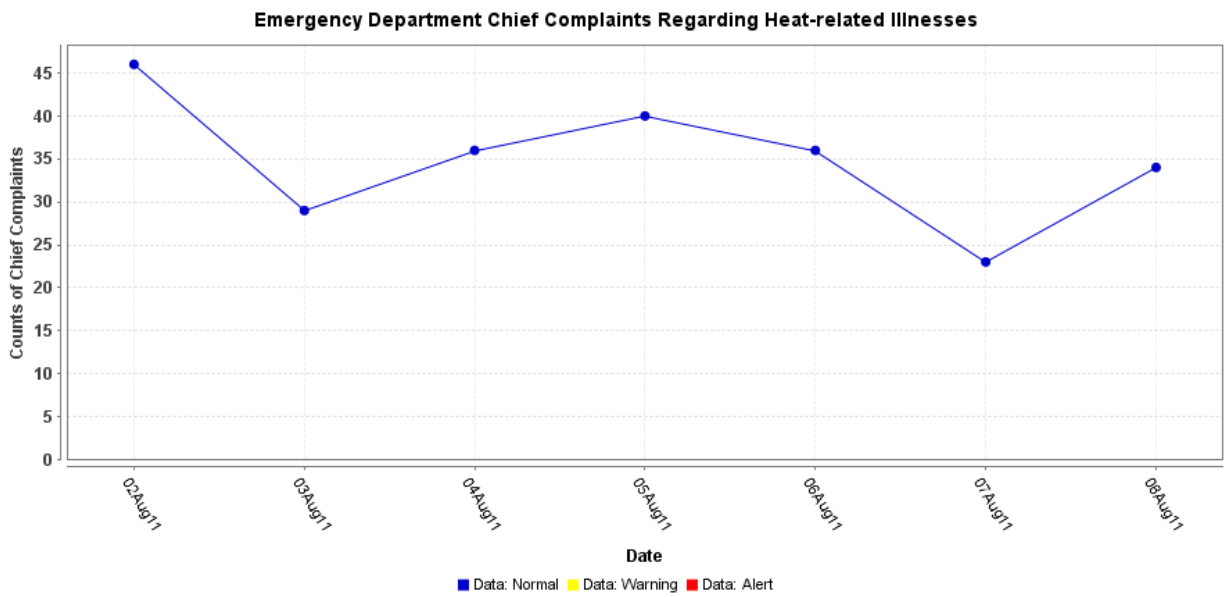
National Weather Service Forecast: No Warnings or Alerts

Heat Advisory Declared This Week: None

Total Heat Advisories Declared: 12 (May = 2, June = 3, July = 7)

Actual and Predicted High Temperature and Maximum Heat Index

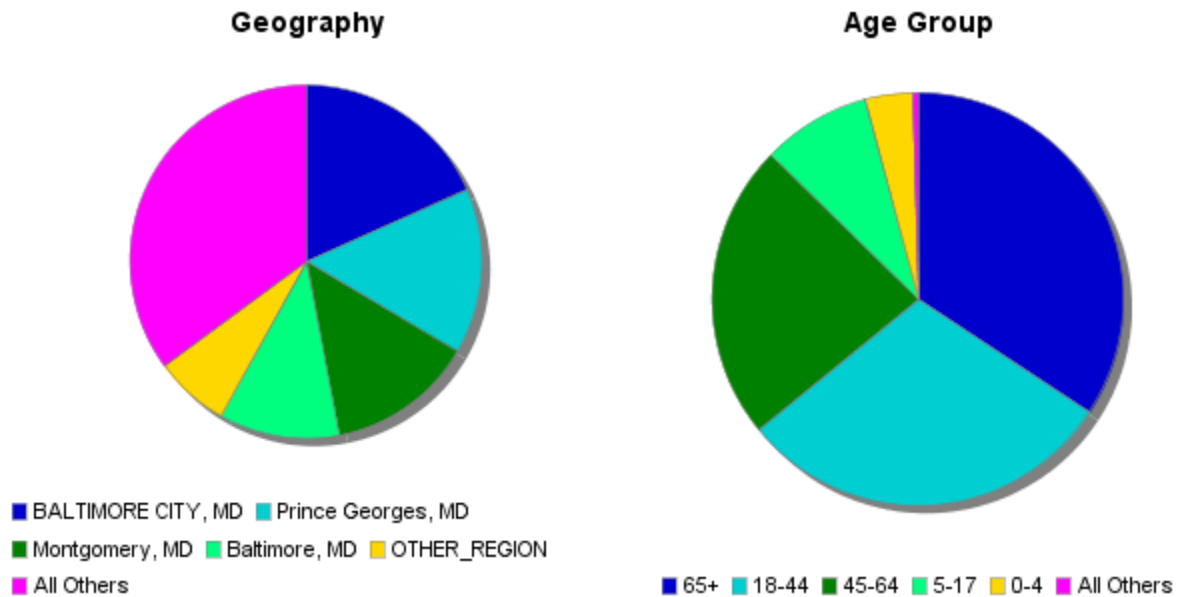




Date	Number of Chief Complaints Regarding Heat-related Illnesses
August 2	46
August 3	29
August 4	36
August 5	40
August 6	36
August 7	23
August 8	34

There were no chief complaint clusters identified during the week.

Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for August 2 – August 8, 2011



Total Number of Heat-related Deaths	Jurisdiction [#]	Age Group	Sex
4	Baltimore City*	45-64 years old	Male
	Baltimore City	45-64 years old	Female
	Baltimore City	65+ years old	Male
	Baltimore City	65+ years old	Female

[#]Refers to the jurisdiction where the heat-related death occurred

*This death occurred earlier in the summer but the cause of death was not confirmed until this week

There have been a total of 25 heat-related deaths thus far in 2011.

Heat Advisory Criteria: A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.¹

Note: The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat.

Prepared by: Zachary Faigen, MSPH
Biosurveillance Epidemiologist
Office of Preparedness and Response
Maryland Department of Health & Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410-767-6745
Fax: 410-333-5000
Email: ZFaigen@dhmh.state.md.us

Joseph H. Anelli
Special Projects Coordinator
Office of Preparedness and Response
Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410.767.6201
Email: JAnelli@dhmh.state.md.us

¹ NWS Heat Index Chart: http://www.weather.gov/om/heat/images/heat_index.png